

STATE OF WASHINGTON DEPARTMENT OF ECOLOGY

3100 Port of Benton Blvd • Richland, WA 99352 • (509) 372-7950

March 14, 2006

Mr. Roy J. Schepens, Manager Office of River Protection U.S. Department of Energy P.O. Box 450, MSIN: H6-60 Richland, Washington 99352

Mr. Jim Henschel, Project Manager Bechtel National, Inc. 2435 Stevens Center Place, MSIN: H4-02 Richland, Washington 99354

Dear Mr. Schepens and Mr. Henschel:

Re: Class ¹1 Modification to the Hanford Facility Resource Conservation and Recovery Act (RCRA) Permit, Dangerous Waste Portion for the Treatment, Storage, and Disposal of Dangerous Waste, Part III, Chapter 10 (Waste Treatment and Immobilization Plant) WA7890008967; Hanford Facility RCRA Permit Modification Notification Form 24590-PTF-PCN-ENV-05-014

The Department of Ecology approves the referenced Class ¹1 Modification submitted by the U.S. Department of Energy – Office of River Protection. The approved Hanford Facility RCRA Permit Modification Notification Form is enclosed.

Modification 24590-PTF-PCN-ENV-05-014 provides the updated (Revision 2) Engineering Specification for Forced Circulation Vacuum Evaporator System (24590-PTF-3PS-MEVV-TP001).

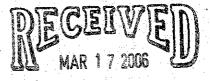
If there are any questions, contact me at (509) 372-7882 or Robbie Biyani at (509) 372-7884.

Sincerely,

Bunda & Buf-Malul
Brenda Becker-Khaleel
WTP Lead Permit Writer
Nuclear Waste Program

BBK:AH:jc Enclosure

cc: See next page



EDMC

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cc/electronic: Robert Barr, USDOE

John Eschenberg, USDOE
Joel Hebdon, USDOE
Lori Huffman, USDOE
Tony McKarns, USDOE
Gae Neath, USDOE
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Don Sommer, USDOE
Julie Atwood, BNI
Bill Elkins, BNI
Brad Erlandson, BNI
Stan Hill, BNI
Dennis Klein, BNI
Phil Peistrup, WGI

cc w/enc:

Administrative Record: Tank Waste Treatment Requirements

ORP Correspondence Control

Environmental Portal

Hanford Facility RCRA Permit Modificatio	n Notifica	tion Form			
Unit:		Permit Part & Chapter:			
Waste Treatment and Immobilization Plant	Part III,		and Attach	ment 51	
Description of Modification:	<u> </u>				
The purpose of this modification is to update <i>Engineering S Evaporator System</i> (24590-PTF-3PS-MEVV-TP001) currently (DWP).	<i>Specification</i> y in Append	n for Forced of the	<i>Circulation Va</i> Dangerous W	<i>cuum</i> /aste Permit	
The following are the major changes to this permit specific	ation:				
 Rearrangement of the listing of equipment included Treated LAW Evaporator (TLP) Systems 	l in the Wa	ste Feed Eva	porator (FEP)	and	
Seller requirements for:					
 Design and fabrication of reboiler and support Painting 			nd nozzies		
o Provision of inspection, testing, and handling services.					
 Removal of demister pad removal system design by upgrading the demister pad from 304L stainless steel to Inconel 625 to ensure a 40 year operating life 					
 Deletion of an Appendix on nozzle loads, which are Deletion of an Appendix on dimensional requireme document Addition of an Appendix providing acceleration responsions 	nts, which a	are instead p	rovided in a r	eferenced	
These changes do not substantially alter the permit conditions or reduce the capacity of the facility to protect human health or the environment.					
Please replace the following specification in the DWP:					
Appendix 8.7					
Replace: 24590-PTF-3PS-MEVV-TP001 Rev. 1 With: 24590-PTF-3PS-MEVV-TP001 Rev. 2					
	lass 1	Class 11	Class 2	Class 3	
Please mark the Modification Class:		Χ			
Enter Relevant WAC 173-303-830, Appendix I Modification citatio	n number.	N/A			
Enter wording of WAC 173-303-830, Appendix I Modification citation: N/A					
In accordance with WAC 173-303-830(4)(d)(i), this modification r as a Class ¹ 1 modification. WAC 173-303-830(4)(d)(ii)(A) states, keep the permit current with routine changes to the facility or its the permit conditions or reduce the capacity of the facility to protice the capacity of the facility to protice and increase a modifications, the director may require prior approval."	otification is "Class 1 mod operation. T	difications app These changes	ly to minor cha do not substar	nges that ntially alter	
Modification Approved: Yes No (state reason Reason for denial:	for denial)	Rev	iewed by Eco	logy:	

Class 1 modifications requiring prior Agency approval.

This is only an advanced notification of an intended Class ¹1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.